

S/N 10/533,133

Reply to Office Action of June 22, 2009

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Amended claim 1) A flat-folded personal respiratory face mask comprising:
  - a first portion and a second portion, connecting with each other along at least one common edge, flat-foldable along the common edge. Said common edge connects to a wearer's nose bridge and chin;
    - securing means to secure said ~~first and second portions~~ face mask on the face of a wearer, the securing means being fixed ~~to~~ along said common edge and ~~thereby forming an effective respiratory seal as the wearer inhales and releasing the respiratory seal as the wearer exhales, the~~ securing means attaching to the ~~face mask~~ at a location substantially away from the periphery of the face mask ~~to provide a holding force therefrom;~~ and
    - filtering means associated with the first and second portions for filtering inhaled air.

**Claim 2 has been withdrawn**

2. (Amended claim 3) A flat-folded face mask as claimed in claim 2 1 wherein said ~~essential area~~ face mask is adaptive to an extensive range of face sizes which is defined by eye-to-chin distance at least ranging from at least 94mm to 114 mm ~~as shown in figure 16 and figure 17~~
3. (Amended claim 4) A flat-folded face mask as claimed in claim 1 wherein said securing means comprises an elastic headband or ear loop.
4. (Amended claim 5) A flat-folded face mask as claimed in claim 1 wherein said ~~filtering means includes the main body~~ first portion and second portion of the face mask are made of filtering sheet material, acting as filtering means.

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5. (Amended claim 6) A flat-folded face mask as claimed in claim 1 wherein  
~~said first and second portion filtering means includes a filter part integrated in the main body of the face mask are made of non-permeable material and said filtering means include a filter part integrated in the first and second portion of the face mask.~~

6. (Amended claim 7) A flat-folded face mask as claimed in claim + 6 wherein  
~~said filter part can be replaced by the wearer filtering means includes a user replaceable filter part~~

7. (Amended claim 14) The personal respiratory face mask according to claim +2 3, wherein the ~~elastic headband or ear-loop means for securing the mask body~~ can be attached and released from the mask body by the wearer.

8. (Amended claim 15) The personal respiratory face mask according to claim +2 1-7, wherein stiffeners are incorporated into the ~~mask body first portion and second portion of from said common edge toward the face in the same elevation as said force (F) applied, reinforcing to~~ reinforce the mask body where stress is strongest and allowing the rest of the mask body to be more flexible.

9. (Amended claim 8) A process for making the flat-folded ~~personal respiratory~~ face mask as claimed in claim 1 comprising:

first step of folding a roll of sheet material along the length of the sheet material;  
second step of welding the folded sheet material along a pre-defined edge; and  
third step of cutting the shape of the face mask in the flat-folded configuration out of the roll of sheet material.

10. (Amended claim 9) The process for making the flat-folded ~~personal respiratory~~ face mask as claimed in claim 8 9 wherein said roll of sheet material includes at least two layers.

11. (Amended claim 10) ~~The~~ A process for making the flat-folded ~~personal respiratory~~ face mask as claimed in claim 1 comprising:  
folding a flat sheet material;

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welding the folded sheet material along a pre-defined edge; and  
cutting the shape of the face mask in the flat-folded configuration out of the sheet  
material.

12. (Amended claim 11) The process for making the flat-folded ~~personal respiratory~~ face  
mask as claimed in claim ~~10~~ 11 wherein said sheet material includes as least two layers.

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**Claims 12,13 and claims 16-24 has been withdrawn**